

METHODS FOR ADMINISTRATION OF RECOMBINANT
GENE DELIVERY VEHICLES FOR TREATMENT OF HEMOPHILIA
AND OTHER DISORDERS

Abstract of the Disclosure

5 Methods are provided for obtaining measurable levels of a protein, nucleic acid
molecule, or enzymatic product in a bodily fluid or cells of a human, comprising the step of
administering to a human a recombinant retroviral preparation having a titer on HT1080 cells of
greater than 10^5 cfu/ml, wherein the recombinant retroviral preparation is capable of directing
the expression of a protein, nucleic acid molecule, or enzyme which generates an enzymatic
10 product, such that measurable levels of the protein, nucleic acid molecule, or enzymatic product
may be obtained in the bodily fluid or cells of the human.